



Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office	Docket No. CELL-0294/ PA519-USw01		Application No. 10/531,402	
	Applicant David Paul Humphreys, et al.			
	Filing Date October 11, 2005		Group Not Yet Assigned	
	Confirmation No. 8981			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/N.V./ ↓ V	1	Amemura, M., et al., "Cloning of and complementation tests with alkaline phosphatase regulatory genes (<i>phoS</i> and <i>phoT</i>) of <i>Escherichia coli</i> ," <i>J. of Bacteriology</i> , 1982 , 152(2), 692-701		
	2	Blattner, F.R., et al., "The complete genome sequence of <i>Escherichia coli</i> K-12," <i>Science</i> , 1997 , 277, 1453-1462		
	3	Blomfield, I.C., et al., "Allelic exchange in <i>Escherichia coli</i> using the <i>Bacillus subtilis</i> <i>sacB</i> gene and a temperature-sensitive pSC101 replicon," <i>Molecular Microbiology</i> , 1991 , 5(6), 1447-1457		
	4	Carrier, A., et al., "recombinant antibody-alkaline phosphatase conjugates for diagnosis of human IgGs: application to anti-HBsAg detection," <i>J. of Immunological Methods</i> , 1995 , 181, 177-186		
	5	Collins-Racie, L.A., et al., "Production of recombinant bovine enterokinase catalytic subunit in <i>Escherichia coli</i> using the novel secretory fusion partner DsbA," <i>Bio/Technology</i> , 1995 , 13, 982-987		
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	9	Egmond, M.R., et al., "Engineering surface charges in a subtilisin," in <u>Subtilisin Enzymes: Practical protein Engineering</u> , Bott, R., et al.(Eds.), 1996 , 219-228		
	10	Gräslund, T., et al., "Strategy for highly selective ion-exchange capture using a charge-polarizing fusion partner," <i>J. of Chromatography A</i> , 2002 , 942, 157-166		
EXAMINER		/Nancy Vogel/	DATE CONSIDERED	10/04/2007

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/N.V./	11	Gräslund, T., et al., "Charge engineering of a protein domain to allow efficient ion-exchange recovery," <i>Protein Engineering</i> , 2000, 13(10), 703-709	
	12	Hamilton, C.M., et al., "New method for generating deletions and gene replacements in <i>Escherichia coli</i> ," <i>J. of Bacteriology</i> , 1989, 171(9), 4617-4622	
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	14	Jonasson, P., et al., "Genetic design for facilitated production and recovery of recombinant proteins in <i>Escherichia coli</i> ," <i>Biotechnology & Applied Biochemistry</i> , England, 2002, 35, 91-105	
	15	Link, A.J., et al., "Methods for generating precise deletions and insertions in the genome of wild-type <i>Escherichia coli</i> : application to open reading frame characterization," <i>J. of Bacteriology</i> , 1997, 179(20), 6228-6237	
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	18	Meyer, D.E., et al., "Purification of recombinant proteins by fusion with thermally-responsive polypeptides," <i>Nature Biotechnology</i> , 1999, 17, 1112-1115	
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↓	20	Niederauer, M.Q., et al., "Characterization and polyelectrolyte of β -galactosidase containing genetic fusions of charged polypeptides," <i>Biotechnology Progress</i> , 1994, 10, 237-245	
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/N.V./	21	Nielsen, O.J., et al., "Erythropoietin- β -D-galactosidase: the generation, purification and use of a fusion protein," <i>J. of Immunological Methods</i> , 1988, 111, 1-9	
↓	22	O'Brien, P.M., et al., "Bacterial expression and purification of recombinant," <i>Protein Expression & Purification</i> , 2002, 24, 43-50	
	23	Ong, E., et al., "Enzyme immobilization using the cellulose-binding domain of a <i>Cellulomonas Fimi</i> exoglucanase," <i>Bio/Technology</i> , 1989, 7, 604-607	
	24	Persson, M., et al., "Enzyme purification by genetically attached polycysteine and polyphenylalanine affinity tails," <i>Analytical Biochemistry</i> , 1988, 172, 330-337	
	25	Plückthun, A., et al., "New protein engineering approaches to multivalent and bispecific antibody fragments," <i>Immunotechnology</i> , 1997, 3, 83-105	
	26	Sassenfeld, H.M., et al., "A polypeptide fusion designed for the purification of recombinant proteins," <i>Bio/technology</i> , 1984, 2, 76-81	
	27	Sassenfeld, H.M., "Engineering proteins for purification," <i>Tibtech</i> , 1990, 8, 88-93	
	28	Smith, D.B., et al., "Single-step purification of polypeptides expressed in <i>Escherichia coli</i> as fusions with glutathione S-transferase," <i>Gene</i> , 1988, 67, 31-40	
↓	29	Stempfer, G., et al., "Improved refolding of an immobilized fusion protein," <i>Nature Biotechnology</i> , 1996, 14, 329-334	
	30	Verma, R., et al., "Antibody engineering: comparison of bacterial, yeast, insect and mammalian expression system," <i>J. of Immunological Methods</i> , 1998, 216, 165-181	
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/N.V./	31	Zoller, M.J., et al., "Oligonucleotide-directed mutagenesis using M13-derived vectors: an efficient and general procedure for the production of point mutations in any fragment of DNA," <i>Nucleic Acid Res.</i> , 1982, 10(20), 6487-6500	
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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
/N.V./	32	4,532,207	07/30/85	Brewer, et al.	435	68
↓	33	5,304,472	04/19/94	Bass, et al.	435	69.1
↓	34	5,783,423	07/21/98	Wood, et al.	435	69.6

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↓	37	WO 2004/031188 A1	04/15/04	PCT		
↓	38	WO 2004/035792 A1	04/29/04	PCT		
↓	39	737 747 A2	10/16/96	EP	X abstract	
↓	40	224,082	11/06/24	GB		

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